

(PRIOR ART)

Figure 1

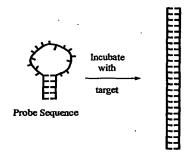


Figure 2

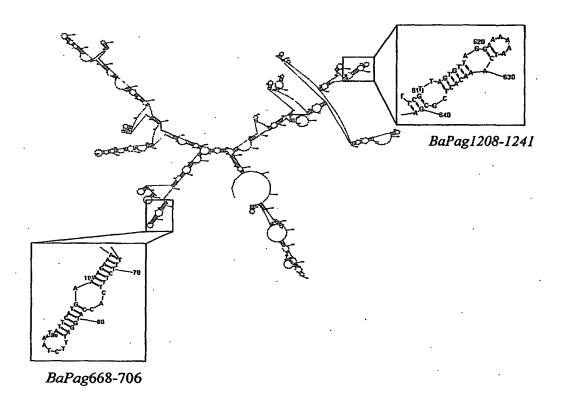
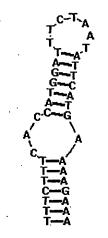
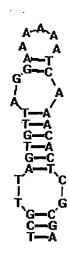


Figure 3



Pag 668 – 706 E_{predict} = -4.4 kcal/mol nt count = 39





Pag 1208 - 1241 E_{predict} = -4.7 kcal/mol nt count = 34

Figure 4B

	_	
	Score	_
Sequences producing significant alignments:	(bits)	Value
<u>01120520075 0b AF011190.1 </u> Bacillus anthracis str. A2012 pl	<u>78 </u>	7e-13
pill6031494 emblaJ413937.11BAN413937 Bacillus anthracis par	_7&	7e-13
<u>01 16031492 erb AJ413936.1 BAN413936</u> Bacillus anthracis par	_78	7e-13
gil92805321gblAF268967.11AF268967 Bacillus anthracis plasmi	_78	7e-13
gil4894216 gb aFQ65404,1 Bacillus anthracis virulence plas	78	7e-13
<u>gill0880952 gb AF906783,1 </u> Bacillus anthracis isolate BA102	78	7e-13
gil10880950 gb AF306782.1 Bacillus anthracis plasmid pX01	78	7e-13
gi 10880948 gb AF306781.1 Bacillus anthracis isolate 33 pr	78	7e-13
######################################	78	7e-13
gill0880944 gb AF306779.1 Bacillus anthracis isolate 28 pr	78	7e-13
gil10880942 gb AF306778.1 Bacillus anthracis plasmid pX01	78	7e-13
gil143280 gb M22583.1 BACFAG Bacillus anthracis cryptic pro	78	7e-13
gill8308294 gb AC104301,2 Homo sapiens chromosome 3 clone	42	0.038
######################################	40	0.15
#1134849950 gb AC107065.5 Bos taurus clone rp42-513g13, cc	40	0.15
gi 30962756 ob AC137820.11 Medicago truncatula clone mth2	38	0.60
gi:30522931 gb AC123948,4 Mus musculus chromosome 10 clone	38	0.60
g1122552809 emb AL671857.16 Mouse DNA sequence from clone	38	0.60
gill414543[emb]AL355352,16] Buran DNA sequence from clone	38	0.60
g117768715 dbi AF001713.1 Homo sapiens genemic DNA, chromo	38	0.60
gil4827077 dbi AF000178.11 Homo sapiens genomic DNA, chromo	38	0.60
pili635635 dbi AP000266.1 Homo sapiens genomic DNA, chrono	38	0.60
#13132344 dbi AP000034.1 Homo sapiens genomic DNA, chromc	38	0.50
gi147308361dbj1AF000102.11 Homo sapiens genomic DNA of 21q2	38	0.60
gi 3947439 gb AC003090.11 Horo sapiens BAC clone CIA-24112	36	2.4

Figure 5

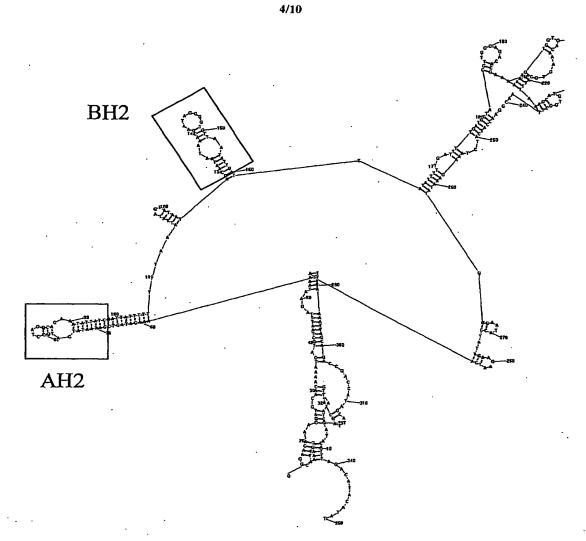


Figure 6

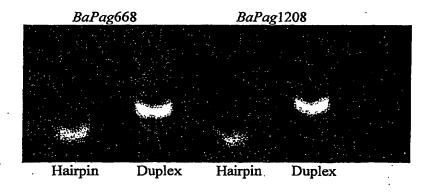
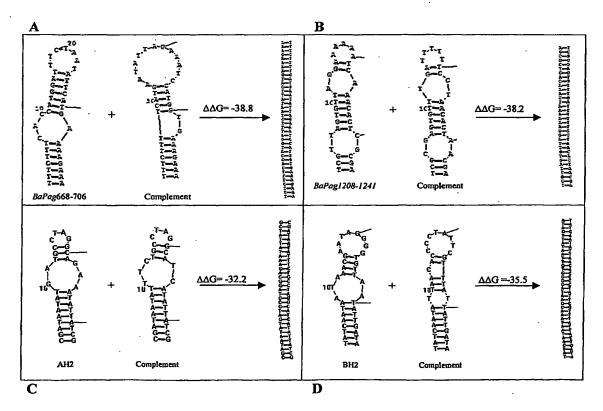


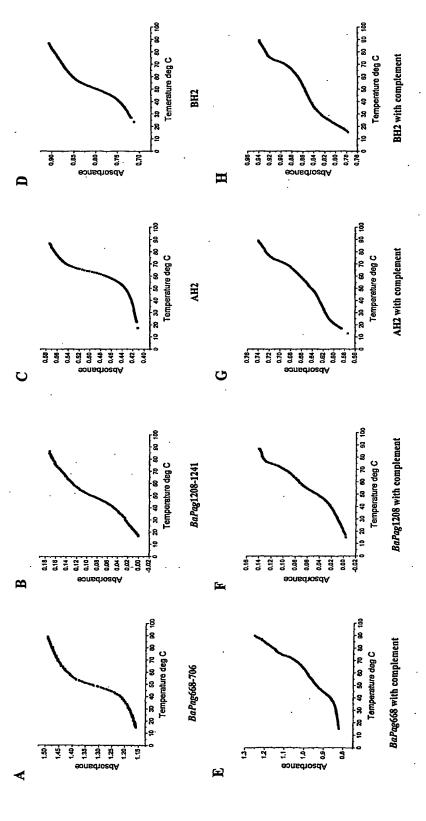
Figure 9

Figure 7A

Figure 7B



Figures 8A-D



Figures 10A-H

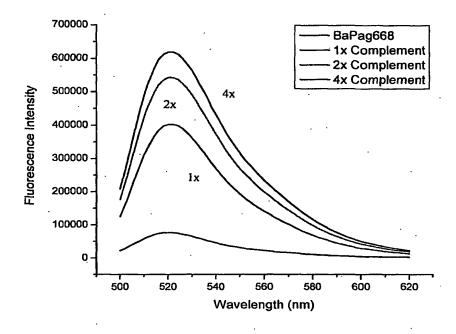
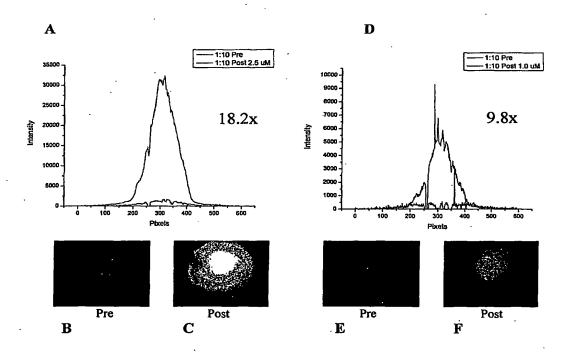
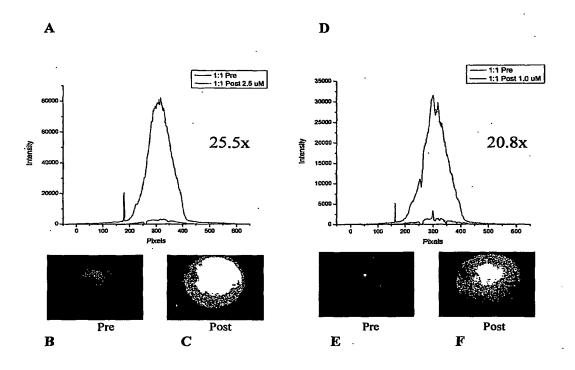


Figure 11



Figures 12A-F



Figures 13A-F

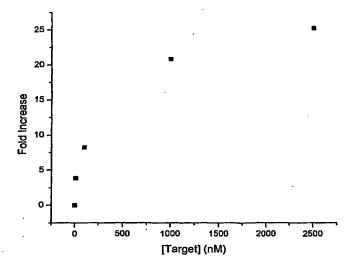
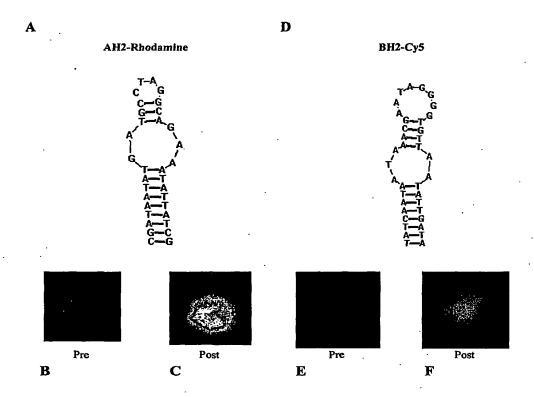
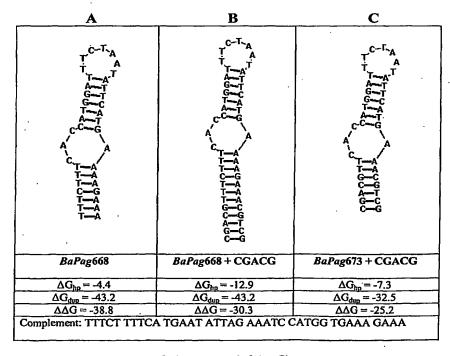


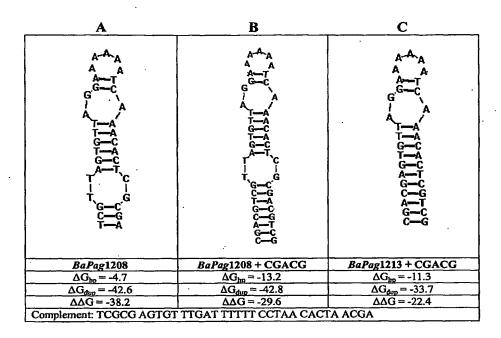
Figure 14



Figures 15A-F



Figures 16A-C



Figures 17A-C